

STATE OF HAWAII  
REQUEST FOR SOLE SOURCE

STATE PROCUREMENT OFFICE  
STATE OF HAWAII

TO: Chief Procurement Officer

FROM: Department of Taxation  
(Department/Division/Agency)

Pursuant to §103D-306, HRS, and Subchapter 9, Chapter 3-122, HAR, the Department requests sole source approval to purchase the following:

Description of goods, services, or construction:

One (1) each Xerox DocuTech 120 Copier/Printer production system with Sun based controller operating system, Ethernet network connection, finisher/stapler/folder, DocuSP Production Software & Imposition Software.

One (1) each Xerox DocuPrint 90 High Speed Production Printer with PSCTRL 150 Sun based Controller with DocuSP Production Software & Finisher/Stapler. Ethernet network connection.

Brochures attached.

Name of Vendor:	Xerox Corporation	Cost:
Address:	700 Bishop Street Honolulu, HI 96813	\$ 5,064.97 per month.

Term of Contract:	From:	To:	Prior Sole Source Reference No.:
	July, 2004	June, 2009	

The goods, services, or construction has the following unique features, characteristics, or capabilities:

See attached.

REQUEST FOR SOLE SOURCE (Cont.)

How the unique features, characteristics, or capabilities are essential for the agency to accomplish its work:

See attached.

The following other possible sources for the goods, services, or construction were investigated but do not meet our needs because:

See attached.

Direct questions to: Warren Higashi Phone: 587-1500

*I certify that the information provided above is to the best of my knowledge, true, correct and that the goods, services, or construction are available through only one source.*

  
 Department Head or Designee

6/17/04  
 Date

\_\_\_\_\_  
 Title (If other than Department Head)

Chief Procurement Officer's comments:

Your request is being returned with No Action Required by the CPO because, the agency had not attempted to solicit bids from the vendors listed on SPO VL 02-29, Copiers and Facsimile Machines Vendor List. Agency shall follow the procedures specified in the Vendor list.

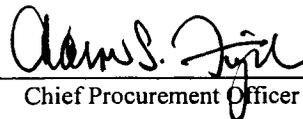
Please ensure adherence to applicable administrative and statutory requirements.

Expenditure may be processed through a purchase order: Yes  No . If no, a contract must be executed and funds certified.

APPROVED

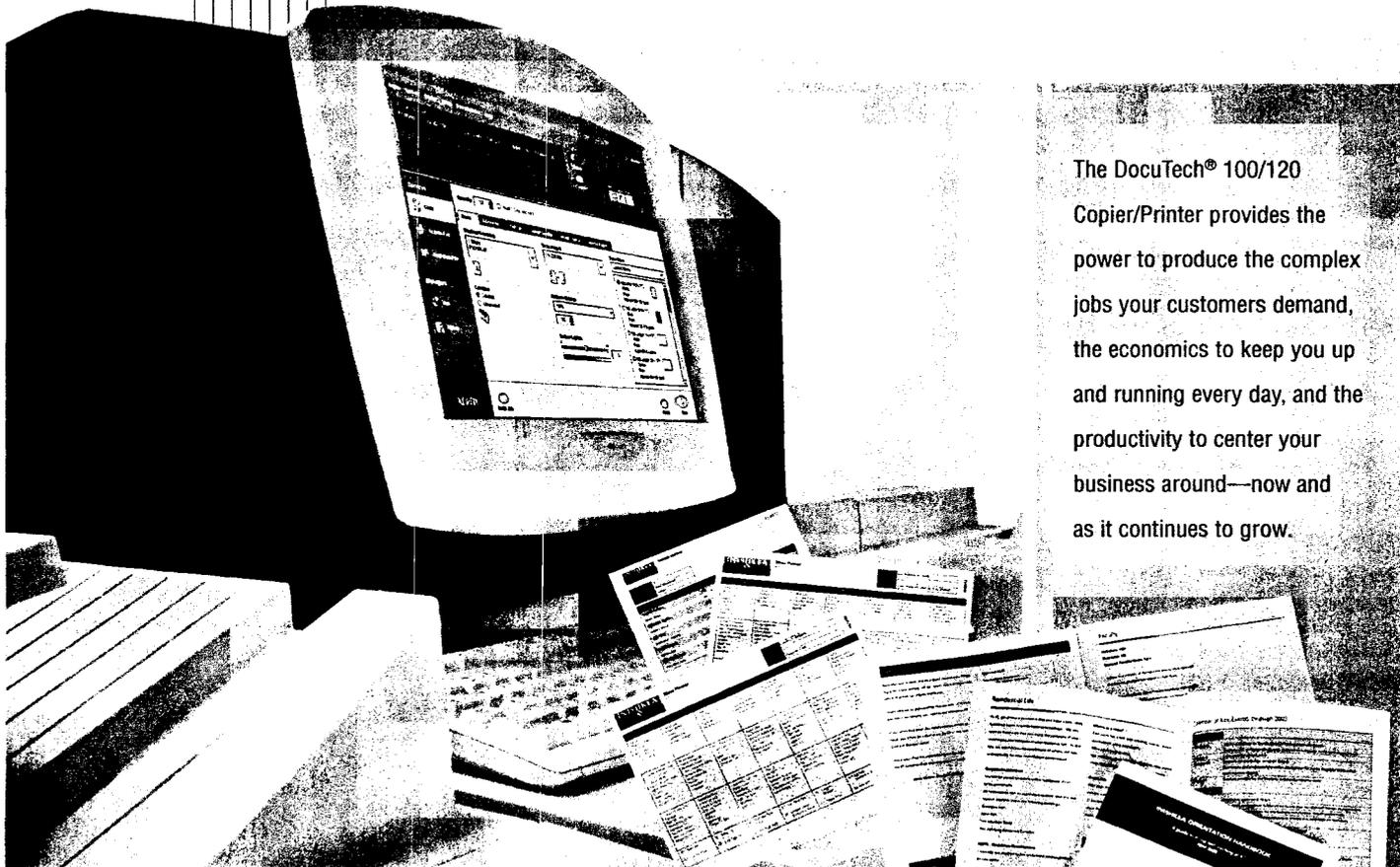
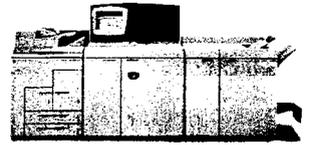
DISAPPROVED

NAR

  
 Chief Procurement Officer

7/23/04  
 Date

**Specifications**

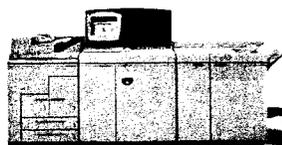


The DocuTech® 100/120 Copier/Printer provides the power to produce the complex jobs your customers demand, the economics to keep you up and running every day, and the productivity to center your business around—now and as it continues to grow.

A DocuTech® that's the right choice...  
for your budget, for your needs, for your business



# DocuTech® 100/120 Copier/Printer



For more information on the Xerox DocuTech® 100/120 Copier/Printer, call 1-800 ASK XEROX or visit us on the Web at: [www.xerox.com](http://www.xerox.com)

## Specifications

### Document Scanning

#### Scan Rate

Speed based on 8.5" x 11"/A4-sized media:

- One sided: 120 images per minute
- Two sided: 120 images per minute (Dual scan heads)

#### Resolution

- Optical 600 x 600 dpi scan
- 8-bit Gray (256 shades)
- Maximum scan from platen: 12.0" x 18.0" (305 mm x 457 mm)
- High resolution, high signal-to-noise image sensor
- Scan to File resolution: 300, 400, 600, 1200 dpi

#### Automatic Document Feeder

- Capacity: 300 sheets (20 lb bond/75 gsm)
- Sizes: 5.5" x 8.5" to 11" x 17" (A5 to A3)
- Weights: 13 lb bond - 110 lb index (49 - 216 gsm)

### Copy/Print Controller

#### RIP

- Xerox Document Services Platform (DocuSP®)
- 650 MHz Ultra SPARC IIe
- 15" color flat panel monitor (attached). USB keyboard, USB mouse
- Optional connectivity:
  - Page Description Languages (PDLs): Adobe PostScript® Level 3, PDF, PCL6, TIFF, Multi-page TIFF
  - Ethernet interface (10/100BaseT)
  - Network connectivity: TCP/IP, LPR, IPP, HTTP, Novell® (SPX/IPX), AppleTalk®
  - Token Ring

#### Storage

- Memory: 1 GB
- Hard Drive: 80 GB
- CD-RW / DVD-ROM Drive
- Second Hard Drive: 146 GB (optional)

#### Print Submission Drivers

- Microsoft Windows® 95 through Windows® XP Professional
- Apple Macintosh® OS 8 through Macintosh® OS X
- Sun Microsystems™ Solaris™ 2.6, 7.x, 8.x
- Linux 2.x
- XDS Plus
- Xerox Web User Interface

#### Management Tool Support

- IBM® Tivoli®
- CA® Unicenter®
- HP OpenView
- SNMP V.1, IETF & Xerox MIB's, Trap Support
- CentreWare® Web

### Printer Module

#### Image Quality

- 1200 x 1200 dpi RIP resolution
- 4800 x 600 dpi print resolution
- Halftone screen: 125 lpi
- Operator adjustable settings: light/dark, contrast, sharpness, Toner Saver
- High resolution Hybrid Jumping Development System
- 2-pass coated photoreceptor – improved halftone uniformity
- Silicon/teflon fusing for sharper halftones
- Dual diode Raster Output System (ROS)
- Translating Electronic Registration (TELER)
- Retractable stripper fingers

#### Print Speed

- DocuTech® 100 Copier/Printer:
  - 8.5" x 11"/A4-sized media: 100 images per minute
  - 11" x 17"/A3-sized media: 60 images per minute
- DocuTech® 120 Copier/Printer:
  - 8.5" x 11"/A4-sized media: 120 images per minute
  - 11" x 17"/A3-sized media: 72 images per minute
- Warm-up: 8 minutes
- Low Power Recovery: 30 seconds
- Average Monthly Print Volume (AMPV):
  - DocuTech® 100 Copier/Printer: 60K - 400K per month
  - DocuTech® 120 Copier/Printer: 100K - 500K per month
- Duty Cycle:
  - DocuTech® 100 Copier/Printer: 600K per month
  - DocuTech® 120 Copier/Printer: 700K per month

### Media Input Options

#### Input Capacity

- Trays per feed module: 4
- Total 5,800 sheets per module (20 lb bond/75 gsm)
- Air shuttle feed system
- Optional second module available

#### Capacity based on 20 lb bond/75 gsm:

- Tray 1: 1,600 sheets; 5.5" x 8.5" to 9" x 12.6" (140 mm x 216 mm to 229 mm x 320 mm)
- Tray 2: 3,100 sheets; 5.5" x 8.5" to 9" x 12.6" (140 mm x 216 mm to 229 mm x 320 mm)
- Tray 3 and 4: 530 sheets each; 7.2" x 10.1" to 12.2" x 18.5" (183 mm x 257 mm to 310 mm x 470 mm)

#### Media Latitude

- Sizes: 5.5" x 8.5" to 12.2" x 18.5" (140 mm x 216 mm to 310 mm x 470 mm)
- Weights: 16 lb bond to 80 lb cover (56 - 216 gsm)
- Types: Transparencies, tabs, plastic tabs, labels, bond, Bristol, cover, index, offset (excluding coated), recycled, carbonless, pre-printed offset forms (excluding coated), never-tear, DocuCard®, envelopes
- Envelope types: 6" x 9", 9" x 12", C5, or 220 mm x 312 mm (flap closed, flap leading feed, flap long edge)

### Media Output Options

#### Multifunction Finisher Standard

Capacity based on 20 lb bond/75 gsm:

- Top tray: 250 sheet capacity
- Stackers: 2,000 sheet capacity; offset between sets or jobs
- One or two staples, up to 100 sheets

#### Multifunction Finisher Professional

All standard features listed above plus:

- 8.5" x 11"/A4 sheet inline folder (C-type, Z-type, booklet/bi-fold)
- 11" x 17"/A3 sheet inline folder (booklet/bi-fold)
- 15 sheet (60 page) dual staple booklet maker

### Electrical Requirements

- 208 - 240 VAC, 30 amp wall service
- Optional AC adapter box, 50 amps
- Power consumption: 0.663 kw (standby); 4.275 kw (running)

### Environmental Requirements

- Temperature: 50° to 90° F (10° to 32° C)
- Relative Humidity: 10 to 90%
- Run Mode Heat Emissions: 17.537 BTUs/hr

### Certifications

- ENERGY STAR
- Environmental Choice
- Section 508 of the Rehabilitation Act (pending)
- Corporate Environmental Leadership Team policy of maintaining a waste-free customer office
- UL 60950, third edition, CSA 22.2 no. 950 & ICES-003-2 B and IEC 60950, third edition

### Physical Characteristics

Standard configuration: one Feeder Module with Finisher

Width	Depth	Height	Weight
127"	29"	61.6"	1,753 lbs*
3234 mm	737 mm	1565 mm	795 kg*

#### Service access requirements

	Width	Depth
Moveable	162"	92**
	4114.8 mm	2336.8 mm
Stationary	162"	112"
	4114.8 mm	2844.8 mm

#### Additional Feeder Module

Width	Weight
31"	423 lbs
787.4 mm	192 kg

\* With consumables loaded

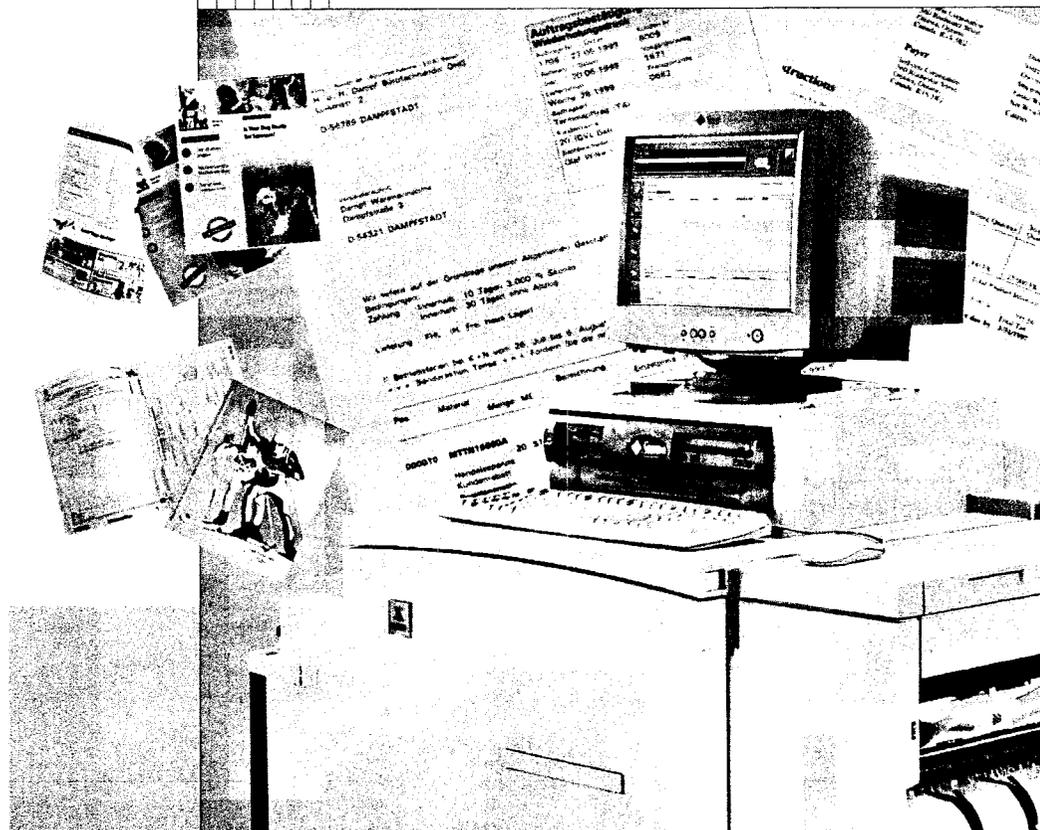
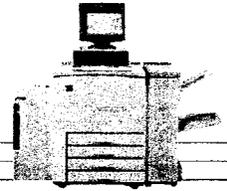
\*\* Can be installed with only 10" clearance on the back side



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Worldwide Partner

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**Specifications**



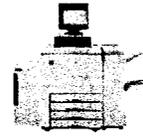
The Xerox DocuPrint 75 and 90 Enterprise Printing Systems are built on the same DocuSP controller platform as higher speed Xerox production printers and feature full workflow and datastream support.

In a compact footprint, the Xerox DocuPrint 75 and 90 incorporate powerful software features including support for multiple PDL's, network or channel connectivity and even web-based production management. Outstanding print quality, benchmark reliability and in-line finishing round out their capabilities and enable consistent production of the most demanding jobs. They're a great fit in the Data Center, Reprographics or distributed print environments.

With all of these capabilities to produce the widest range of job types, you'll agree...Big things **do** come in small packages—especially with the DocuPrint 75 and 90 Enterprise Printing Systems.

# Xerox DocuPrint 75 / 90 Enterprise Printing Systems





For more information on the Xerox DocuPrint® 75/90 Enterprise Printing Systems, call 1-800 ASK XEROX or visit us on the Web at: [www.xerox.com](http://www.xerox.com)

## Xerox DocuPrint 75/90 Enterprise Printing Systems Specifications

### Printer Controller

- Enhanced Sun Blade™ 150 workstation with 40 GB hard disk drive, 512 MB RAM, floppy drive and CD-ROM drive
- 17" color display
- Keyboard, mouse
- Ethernet interface (10 MB/sec or 100 MB/sec)
- Image accelerator/printer interface card
- Power strip with surge protection
- SNMP MIB II
- Optional:
  - 36 GB external hard drive for expandable on-line disk storage
  - 4 mm magnetic tape drive for backup, 8 GB capacity
  - External 56 Kbps modem for remote diagnostic with Xerox service
  - Token Ring interface (TCP/IP only)
  - SCSI host adapter kit
  - Channel card
  - QIC and 18/36 Track Tape Drives

### Printer Module

- Xerographic engine
- Print speed up to 75 or 90 ppm (8.5" x 11"/A4)
- Simplex or duplex printing
- Laser raster output at 600 dpi and up to 600 x 1200 dpi (PostScript)
- Customer Replaceable Units (CRUs)
- In-line single- or dual-stapling

### Throughput Materials

#### (printing and finishing)

- Weights: 16 lb bond to 110 lb index (60 to 203 gsm)
- Sizes: 5.83" x 4.13" (148 mm x 105 mm) to 12" x 18" (305 mm x 457 mm) (varies by tray)
- Maximum image size is 11.67" x 17.9" (296 mm x 454 mm)

### Input Capacity

#### (sheet capacity all at 20 lb/75 gsm)

- Trays 1-4 500 sheets
- Tray 5 50 sheets
- Tray 6 5,100 sheets

### Output Options

- Stacker: 2,000 sheets at 20 lb (75 gsm)
- Stapler: 2 - 50 sheets at 20 lb (75 gsm) 1 or 2 staples
- Top Tray: maximum of 250 sheets of 20 lb (75 gsm)

### Client Environments Supported

- Windows® 95, Windows® 98, Windows NT, Windows 2000, Windows® XP
- Macintosh® OS 7.5.5 and later
- Solaris™ 2.3 / 2.4 / 2.5.1 / 2.6 / 8

### PDLs and Data Formats

- Adobe PostScript® 3, PDF, PCL 6 (limited driver support), TIFF, ASCII, VIPP® software (optional), IPDS (optional), LCDS (optional)

### Connectivity

- TCP/IP (Ethernet/Token Ring)
- AppleTalk® (Ethernet only)
- Novell® (IPX/SPX and Ethernet II only)
- IBM Channel
- Tape Drive (18/36 Track)

### Electrical Requirements

- Printer Controller:
  - 115 VAC + 10%, 47-63 Hz, 20 amp service (or 30 amp service for the DocuPrint 90 only)
  - KVA Rating: .35
- Printer Module:
  - 75: 115 VAC, 60 Hz, 20 amp service
  - 90: 208/220 VAC, 60 Hz, 20 amp service
  - KVA Rating: 1.45
  - Agency certification: UL 1950, CSA 950, CE Mark, EN 60950-CB for Europe and Scandinavia, NOM, FCC 15-68, EN6100-3-2, EN61000-3-3, EN50082-1, IEC 1000-4-2, IEC 1000-4-3, IEC 1000-4-4, IEC 1000-4-5, PTT Approvals (per country standard); EH&S Standards 8.7.0, 8.6.0, 8.17.0, 2.2.0, 2.3.0, FDA IEC 825
  - EME Approval is Class A for all countries: FCC-A, EN 55022-A, CISPR 22-A, ICES-003-A

### Physical Characteristics

Width	Depth	Height	Weight
Printer Controller - Processor Module			
18" (457 mm)	17.6" (446 mm)	4.6" (117 mm)	26.9 lbs (12.2 kg)
Printer Controller - 17" Color Monitor			
16" (406 mm)	17.7" (450 mm)	16.4" (414 mm)	49.5 lbs (22.5 kg)
Printer Module			
69" (1739 mm)	28" (706 mm)	40" (1008 mm)	483 lbs (220 kg)

### Service Access

- Front: 36" (882 mm)
- Sides: 15" (454 mm)
- Back: 10" (252 mm)

### Fit anywhere

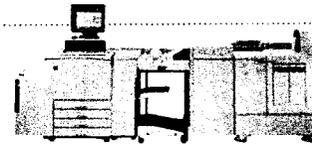
With their small footprint, the DocuPrint 75 and 90 fit right into your current operation—literally. And with support for PostScript, PCL, PDF, TIFF, LCDS, IPDS, and other datastreams, the DocuPrint 75 and 90 can print from the network or the mainframe.

### It's more than printing...

Xerox recognizes that effective document production isn't only about putting toner on paper. It's also about automatic document formatting, Web access, and electronic presentment. And, of course, it's about the ability to add value to documents through finishing options that meet any need and allow you to achieve big results with a small printer.



Xerox DocuPrint 75/90 with the optional Signature Booklet Maker ASF100-D



Xerox DocuPrint 75/90 with the optional Document Binder DB120-D

### Protect your investment

The DocuPrint 75 and 90 are the newest members of the modular, scalable DocuPrint Enterprise Printing Systems family, which means that as your business grows, your document production capabilities will grow along with you.



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610P7072508

*The goods, services, or construction has the following unique features, characteristics, or capabilities:*

Due to reduction in manpower and equipment, the process must have the ability to handle single print queue. An effective single print queue will allow comprehensive document control, effective workflow, as well as retrieval of previously stored jobs. Due to time constraints associated with the lessened manpower, it is essential we have the ability to do production requirements automatically. This capability will eliminate the manual labor to hand collate stitched pages. The DocuTech 120 provides this capability.

As tax manuals require tab insertions, it is a requirement that we have the ability to automatically insert tabs within the jobs. Additionally, as tabs associated with manuals are lengthy and complex, it is a requirement that the equipment provide automatic job and tab recovery in the event of a jam or system error. The Docutech 120 provides these required capabilities.

Again, doing more with less necessitates a highly productive piece of equipment. The DT 120 runs at a rated speed of 120 pages per minute and the DP 90 runs at a rated speed of 90 pages per minute for 8 ½ X 11. Additionally, the DT 120 has a large paper tray capacity [ 12 X 18 paper tray] with a total capacity of 5800 sheets. The DP 90 has a large paper tray capacity [11 X 17 paper tray] with a total capacity of 7150 sheets. This capacity allows for longer periods of time between refills and provides more time for the printshop staff to attend to other tasks during the long tax notice runs and the short time to print the notices. The Xerox DT 120 allows for paper and toner to be added while the machine is printing/coping, which is a huge advantage for us that our current systems is not able to perform.

The Print shop has the requirement to produce finished presentation materials, manuals and reports bound with staples. It is critical these types of materials be produced in a single pass through the equipment versus setting up a separate finishing unit. In line with our finishing requirements, we have numerous jobs requiring differing stapling options (i.e. some jobs are 5 pages and some are 50 pages). For our finishing requirements, as well as our budgetary requirements, we necessitate two sided copying which both the DT 120 and DP 90 systems has these capabilities.

The Xerox DT 120 has the highest print quality of any system in it's class. It prints a 4800 X 600dpi with a registration tolerance of with-in 0.065 mm. This is very important for our Statement printing where OCR and Barcode are essential.

*How the unique features, characteristics, or capabilities are essential for the agency to accomplish its work:*

Dept of Taxation's Print Shop is being tasked to do more with less - which means our staff must be as productive and proficient as possible, as we have just one (1) printshop employee. Since the DOTAX's print shop is also tasked with working within budget constraints, it necessitates us to "retool" our document production process. Since ICSD will be assisting the Department is printing some of the daily production notices to taxpayer's (for delinquent account balances), we will be tasked with being able to handle the workload in the event ICSD's system goes down, via the network. It is essential that the equipment provide us with a customized accounting so we are able to verify that the number of taxpayer's notices that were printed corresponds with our system's report as the number of pages per notices will vary from two pages to five pages per taxpayer. The Xerox Docutech 120 & DocuPrint 90 provides this customized "charge back" detail report per job, which is critical to our needs.

In addition, the Department is working to increase the amount of critical billing for delinquent tax notices that need to be printed and mailed within a short window period to meet the interest calculations as printed on the notices. In order to produce this notices and other critical forms and documentation, the Department needs a high-speed print production device (120 ppm) capable of integrating hard copy and digital files with the ability to scan at 120 images per minute. For accurate and legible remittance this printer must print at a minimum of 4800 X 600 dpi. The controller must seamlessly handle our data stream from the mainframe through Sun Based controller for quick processing of these large files. In addition we need to store all tax forms on CD for archiving purposes, as we will need to be able to print these forms on an as needed basis. Only the Xerox DT120 can view these forms then burn the images to the CD (or pull the files from the CD) on the console of the system in PDF, TIFF, or Multi-page Tiff formats. The software on the printer must also be capable of forwarding print jobs to other printers while maintaining job integrity which the Xerox DocuTech 120 is capable of doing.

In addition, the Department will be adding on an additional software program to identify delinquencies in the General Excise Tax which will increase the number of notices which will need to be printed. To meet the workload required to print these notices on a daily basis, a high-speed print production device (90 ppm) capable of integrating mainframe printing application using IPDS and PS level 3 print language. For accurate and legible remittance the printer should print at a minimum 600 X 600 dpi. The controller must seamlessly handle our data stream from the mainframe through Sun Based controller for quick processing of these large files. The software on the printer must also be capable of forwarding print jobs to the other printer while maintaining job integrity .

*The following other possible sources for the goods, services, or construction were investigated but do not meet our needs because:*

The Image Runner 105 from IKON Office Solutions does not have the required features as listed above. Key deficiencies are copying/printing rated at speed of 105 copies per minute, lack of storage (IR 105 provides standard 10.5 GB storage versus the DT 120 at 80 GB storage).

The IR 105 does not have automatic tab insertion with automatic job recovery in the event of a jam or system error. The 105 is not able to scan 120 images per minute to handle tax notices. The 105 also does not provide for 4800 X 600dpi , which is essential for the type of work being produced daily in our printshop.

There is no product on the market that compares with the DP 90 Printing System.

# STATE OF HAWAII NOTICE OF SOLE SOURCE

The Chief Procurement Officer is in the process of reviewing the request from the Department of Taxation for the sole source purchase of the following goods, services, or construction:

One (1) each Xerox DocuTech 120 Copier/Printer production system with Sun based controller operating system, Ethernet network connection, finisher/stapler/folder, DocuSP Production Software & Imposition Software.

One (1) each Xerox DocuPrint 90 High Speed Production Printer with PSCTRL 150 Sun based Controller with DocuSP Production Software, Imposition Software & finisher/Stapler. Ethernet network connection.

Brochures attached.

**Vendor:** Xerox Corporation

**Address:** 700 Bishop Street  
Honolulu, HI 96813

<b>Term of Contract:</b>	<b>From:</b> July, 2004	<b>To:</b> June, 2009	<b>Cost:</b> \$ 5,064.97 per month
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<b>Direct any inquiries to:</b>		
<b>Department:</b>	Department of Taxation	<b>Phone Number:</b> (808) 587-1500
<b>Contact Name/Title:</b>	Warren Higashi Administrative Services Officer	<b>Fax Number:</b> (808) 587-1506
<b>Address:</b>	830 Punchbowl Street, Rm. #217 Honolulu, HI 96813	



Date Notice Posted: June 22, 2004

A copy of this notice of sole source shall be posted by the Chief Procurement Officer and the purchasing agency in an area accessible to the public, at least seven (7) calendar days prior to any approval action.

Submit written objections to this notice to issue a sole source contract within seven (7) calendar days from the date this notice was posted to:

Chief Procurement Officer  
Office/Agency \_\_\_\_\_  
Address \_\_\_\_\_